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STRATOS



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Inmarsat Fleet (77, 55, 33)

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Fleet F77

Fleet F55

Fleet F33 *New!*



Fleet F77 is the first, full-featured model in a family of new high bandwidth IP enabled global satellite systems, taking maritime communications into the 21st Century. The Fleet product range is the next generation of maritime satellite communications, having evolved from the highly successful Inmarsat A, B and M systems, but using much more lightweight

stabilized antennas.

In essence, Stratos Fleet F77 is a marine enabled Inmarsat M4. It is an integrated service giving the user the chance to choose from Mobile Packet Data (MPDS), ISDN, PSTN and low cost voice telephony.

Mobile Packet Data revolutionizes satellite communications by providing an "always on" channel where the user only pays for data sent and received, not the time connected; in effect, 'Your thinking time is free'. For the first time, cost effective Internet Access, as well as real-time telemetry, SCADA and messaging applications are available to all maritime users.

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Stratos Fleet F77 also provides dedicated 64Kbps ISDN connectivity, enabling high-speed data transfer and high quality voice, fax and video, a 3.1 kHz audio channel for the connection of analogue devices as well as low cost "mini M" voice telephony and fax.

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In addition, Stratos has enhanced the Fleet service with a package of specially tailored value-added services. These value-adds include Dynamic DNS, To-mobile Calling, Instant Messaging and specialized telex and graphical fax gateways.

Stratos Fleet 55

Fleet 55 is the second in a family of new high bandwidth IP enabled global satellite systems, taking maritime communications into the 21st Century. The Fleet product range is the next generation of Inmarsat maritime satellite communications offered by Stratos, having evolved from the highly successful Inmarsat-A, -B and -M systems, but using much more lightweight stabilized antennas.

Stratos' newest Fleet service offers users the versatility to choose from spot beam services such as Mobile Packet Data (MPDS), ISDN, PSTN and global low cost voice telephony; providing a communications solution with a global reach. The F55 is designed for use in the medium yacht market and commercial trading markets, other than deep sea.

General Fleet 55 Capabilities

- **IP connectivity via MPDS:** Enabling an 'always on' connection, where the terminal owner pays for all data sent and received, instead of time connected.
- **ISDN connectivity:** Providing a guaranteed 64 kbps 'clean' ISDN channel for high speed data transfer, high quality voice, high quality (Group IV) Fax and video streaming.
- **Low cost voice capability:** Fleet 55 also offers a 4.8 kbps channel for mini-M quality voice and fax communications at approximately the same rates as standard mini-M.
- **3.1 kHz audio:** This enables a user to set up high speed analogue fax and data connections over the 64 kbps ISDN channel.
- **Global/Spotbeam Coverage:** Fleet 55 utilizes Inmarsat's Global Beam for voice services and Spot Beam for all other services.
- **ISP Activations:** Fleet 55, like mini-M, can be commissioned under an ISP rather than an Accounting Authority.

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Stratos Fleet 33: The third member of a family of new high-bandwidth IP-enabled global satellite systems. Fleet F33 brings facilities and services, previously only available on much larger vessels, directly to users on

smaller vessels in the Inmarsat spot beams. This new member of the Fleet family of products is the next generation of Inmarsat maritime satellite communication solutions offered by Stratos, having evolved from the highly successful Inmarsat A, B and M systems, but using a much more lightweight, stabilized and easy-to-install antenna.

Fleet F33 delivers digital voice calling, fax and dial-up data service at 9.6 kbps. Plus, with available V40/V42 compression, Fleet F33 can provide apparent data speeds of up to 40 kbps.

Fleet F33 Mobile Packet Data Service (MPDS) provides "always connected" benefits combined with data-based billing. This always-on, higher-speed option is particularly suited to IP-based data applications, such as Web surfing, intranet access and e-mail.

General Fleet F33 Capabilities

- Low cost voice capability
- 9.6 kbps data channel
- Group III fax at 9.6kbps
- Connectivity via MPDS
- Global/Spotbeam coverage

And all this from a versatile 1.5 kilo unit below deck and a very manageable 40 cm, 8 kg antenna dome!

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Inmarsat Fleet Services

- Voice at 4.8kb/s and fax at 2.4 kbps
- 3.1kHz audio channel
- 64 and 56 kbps High-speed Data (HSD)
- Mobile Packet Data Service (MPDS)
- Voice Pre-emption
- [StratosNet](#) Service
- [StratosOne](#) Service
- SIM card convenience
- **MPDS Users:** [Register here for StratosNet](#)

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